

# NexGen Global Technologies

NEXT GENERATION 2-WAY PHOTO, VIDEO & TEXT HANDLING TECHNOLOGY

# Signs of The Times

- Lemont Township, IL - A man who tried to lure four teenage girls into his car was arrested after the girls took a picture of his license plate with a phone.  
- CBS2chicago.com
- Atlanta, GA - When a woman saw a man exposing himself to her in a parking lot, she reached for her cell phone - not to call 911, but to snap a picture. The picture led police to the capture of the former principal of a nearby high school.  
- Associated Press
- Blacksburg, VA - A gunman kills 32 people in a dorm and a classroom at Virginia Tech. Citizen cell phones captured pictures and video with sound of the gunman before all 32 people had been murdered - but law enforcement had no way of receiving them.  
- Fox News

# Cell Phone Usage Increasing

- Over 5 billion cell phones globally
  - USA has well over 327,577,529 cell phones (2010)
    - 87% (or 284,992,450) have cameras
- 9-1-1 Centers in the USA:
  - In 2010, FCC Chairman Julius Genachowski stated that of the 230 million annual calls to 9-1-1 (630 K daily), roughly 70% (7 of 10) are being made to 9-1-1 from cell phones
    - Annually: 140 million 9-1-1 calls are from cell phones with cameras
    - Daily: 548 thousand 9-1-1 calls are from cell phones with cameras
- Cell Phone Usage Trends
  - 26.6% of American households have no landline
  - 44% of individuals in U.S. ages 18 to 40 are wireless only
  - 75% of 12 to 17 year olds in the USA have cell phones
  - 47% of renters are wireless only
  - 58% of workers have a company issued smartphone

Sources: Tribune, CDC, CBS, Pollster.com, BBC U.S. Mobile

Infrastructure shortfalls have prevented First Responders from receiving multimedia directly from cell phones... UNTIL NOW...

# The Problem

- 9-1-1 Communication Centers, Law Enforcement Agencies, Emergency Responders, Campus Police & Security, CDC and organizations in general (globally) cannot handle photos, video or text sent to or received from cell phones
  - File Compatibility
    - Approx 847 different File Formats/ various Container Formats / CODEC
    - Cell phone formats becoming more complex/difficult to manage
      - Text, image, audio, video, computer animation, binary, MDI, control information, graphical fonts
  - Inability to use the existing wireless or landline networks
  - No software to deliver & manage photos, video, text
  - Response time can be the difference between life or death
- Abductions, workplace violence, shootings on campus, crimes against the public in general
- Hearing/speech impaired cannot communicate with 9-1-1 using text

# The Answer

- A sole-source, web-based next generation system
- Enables 9-1-1 Communication Centers, Law Enforcement Agencies, Universities, Agencies and Corporations to send, receive, retrieve, and forward pictures, video and text, directly to/from cell phones
  - Right now, Amber Alerts usually take at least 12 hours to issue
- Features automated severe weather alerts, Amber alerts, Silver and SAVIN (Statewide Automated Victim Information & Notification) and Sexual Predator Alerts
- Texting capabilities ideal for helping callers who are speech / hearing impaired

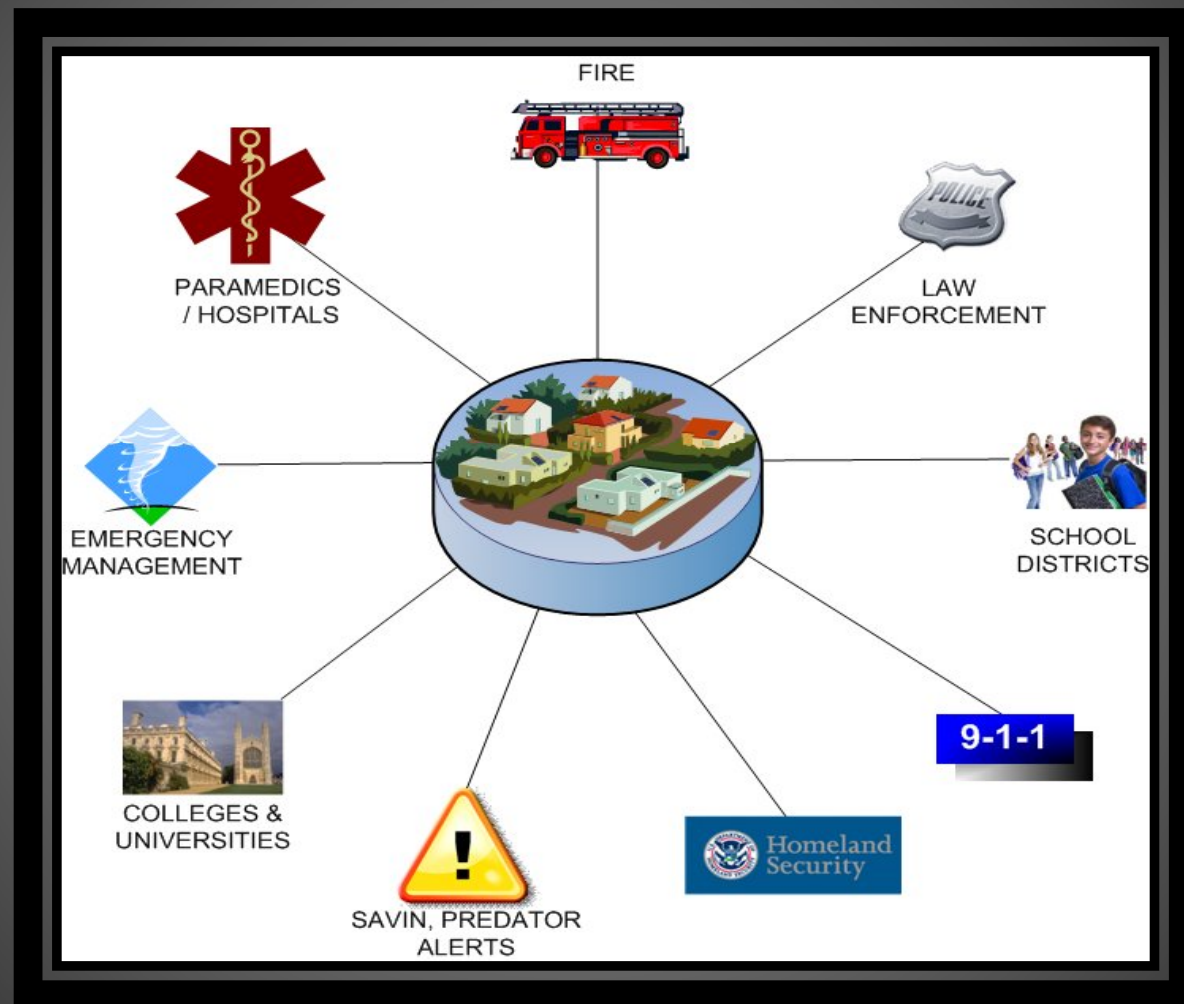


# What Makes Our Solution Unique?

- Handles photos, video and text using cell phone network
  - Receive, send, forward & retrieve photos, video & text
- Manual & automated emergency alerting
- Broadcast or rebroadcast of pictures, video & text
- 36 automated severe weather alerts
- Automated Amber, Silver Alerts & SAVIN (Statewide Automated Victim Information & Notification) Alerts
- Additional modules
  - M.I.R. - Multimedia Incident Retrieval
  - M.S.L - Multimedia Search & Link
- Easily integrated into existing 9-1-1 Communication Centers
  - As well as all communication centers
- Send/receive photos, video & text nationwide / globally
  - System works in 210 countries
- Web based software
  - Requires no hardware or software installation
    - Optional Imaging Server
  - Modular design allows client to add additional services and languages

# Community Policing

## *Community Link Platform*





# Q & A





# In Closing

Thank you for your time today

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